

1/13

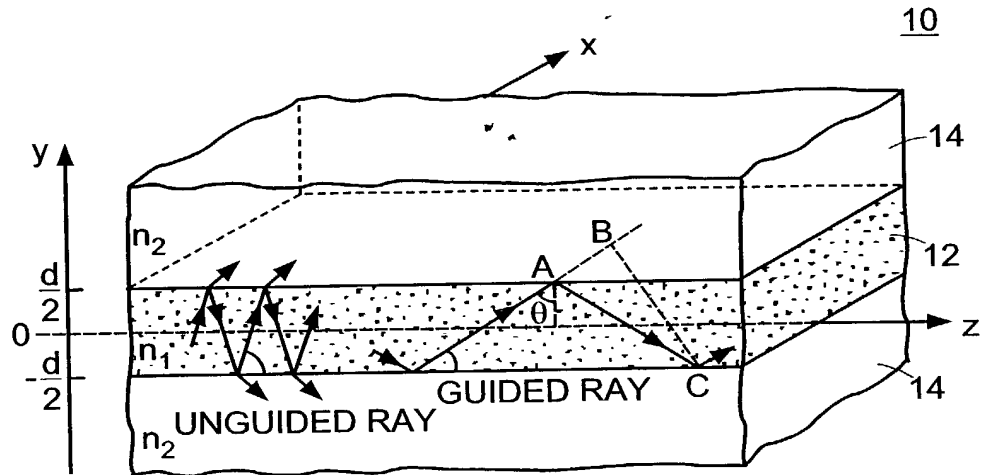


FIG. 1

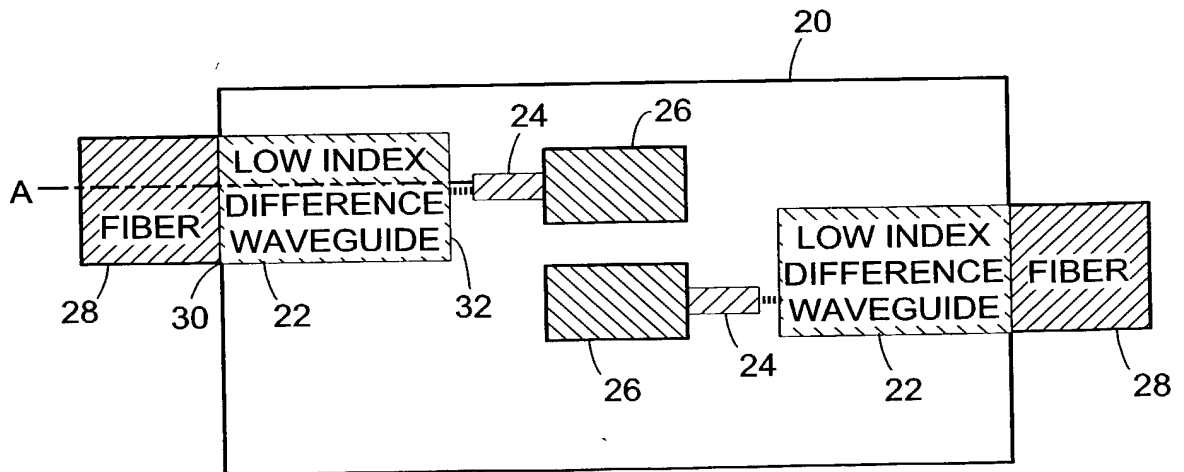


FIG. 2

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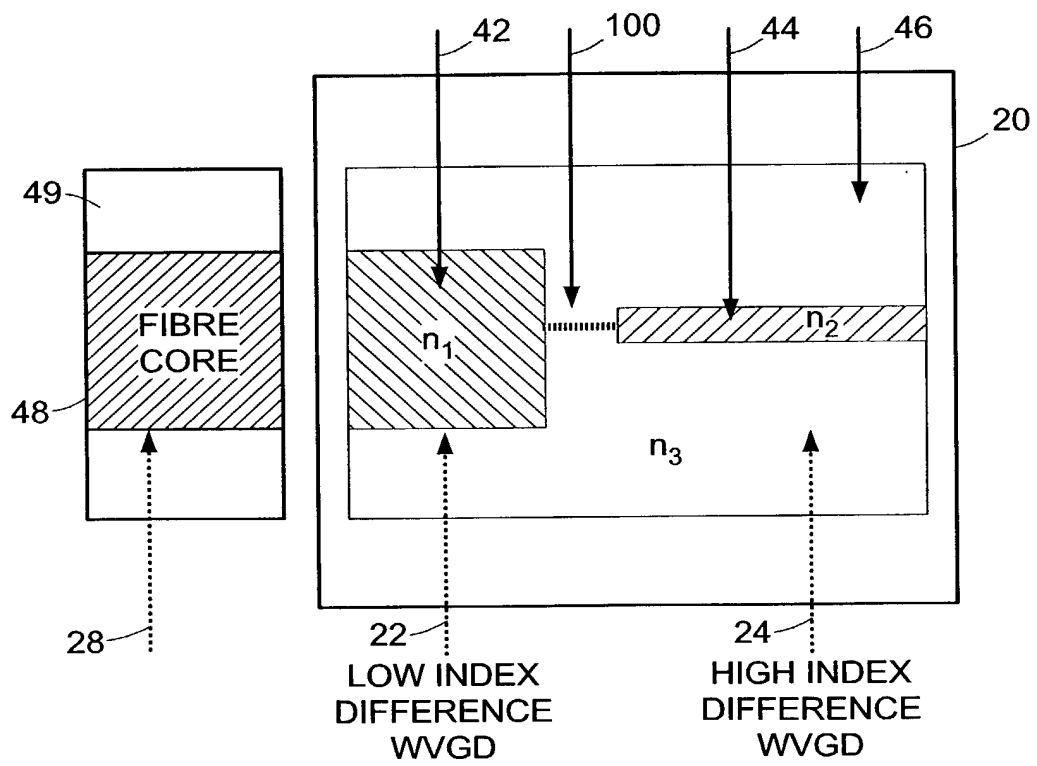


FIG. 3

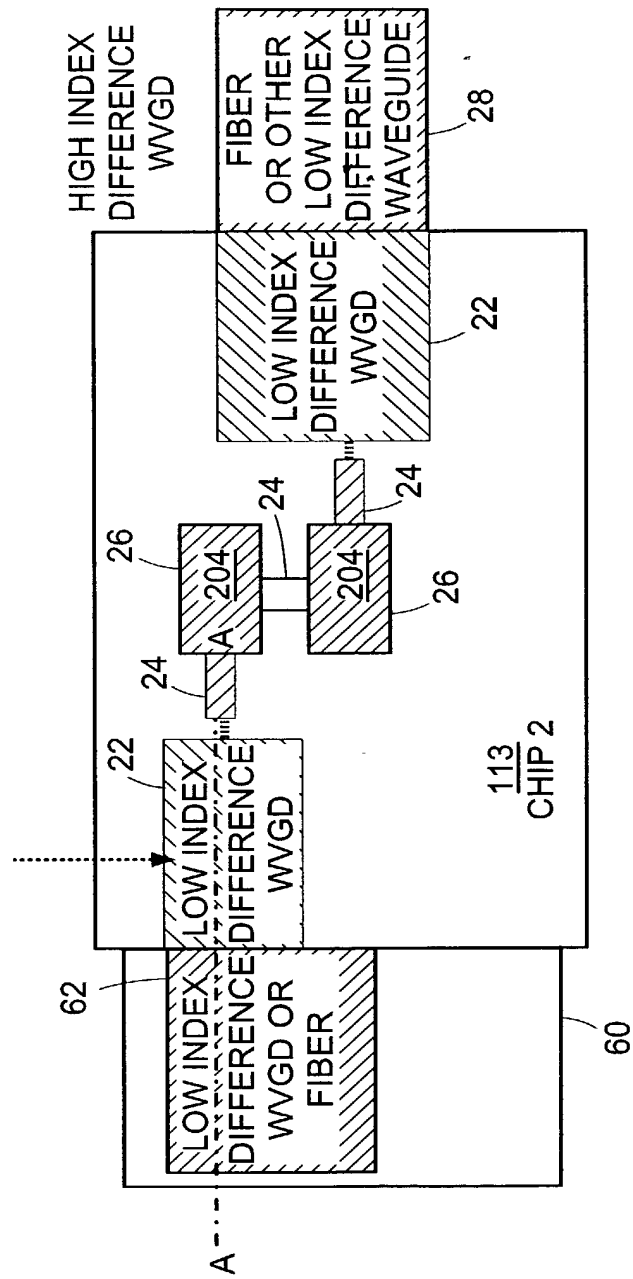


FIG. 4

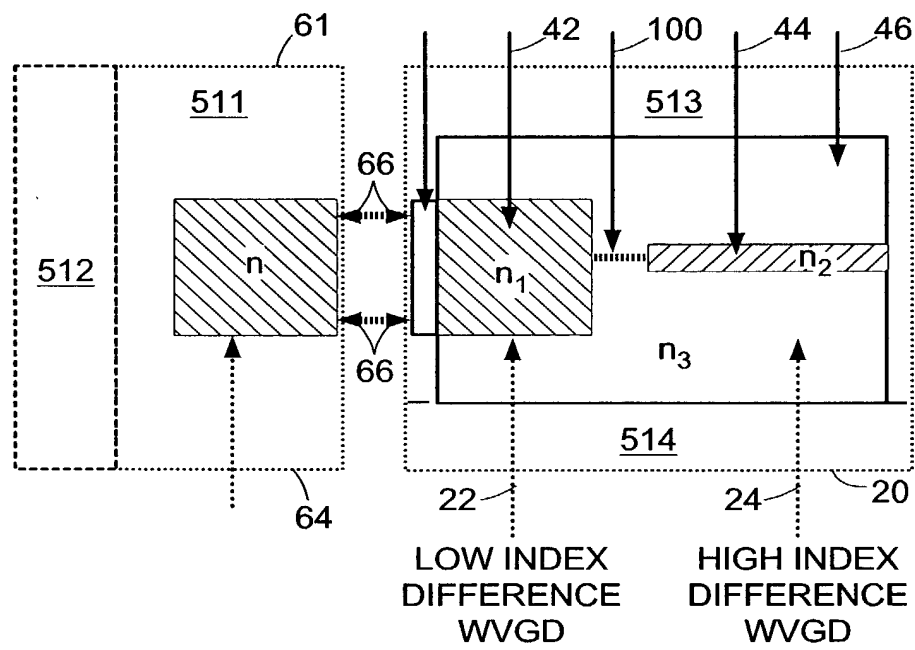


FIG. 5

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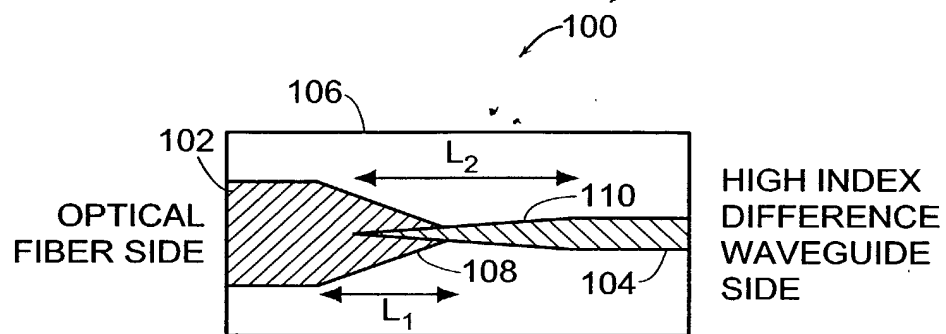


FIG. 6

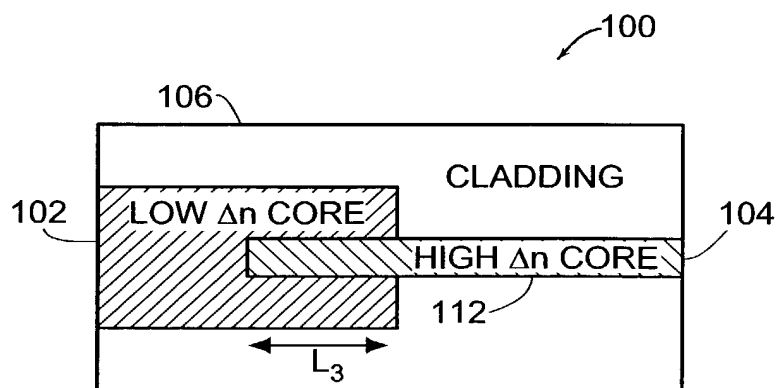


FIG. 7

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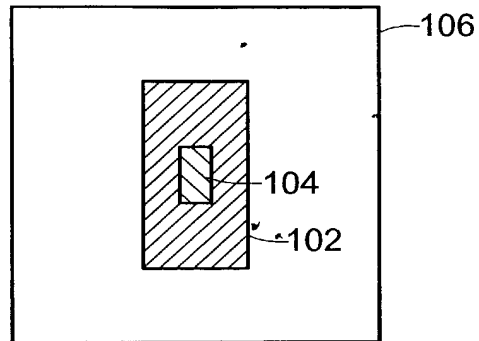


FIG. 8

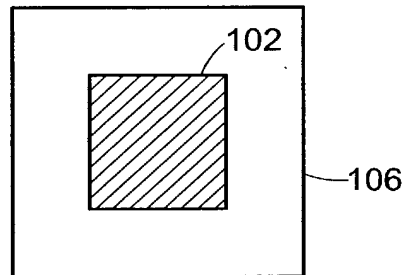


FIG. 9

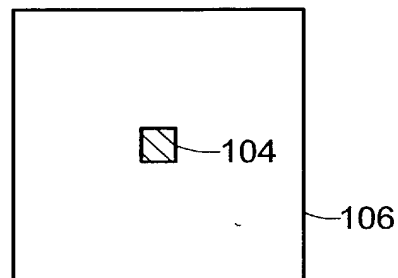


FIG. 10

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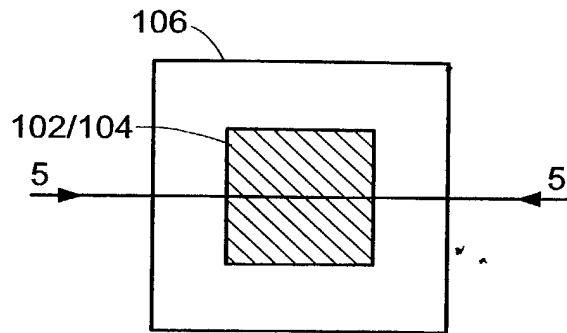


FIG. 11A

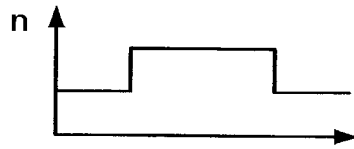


FIG. 11B

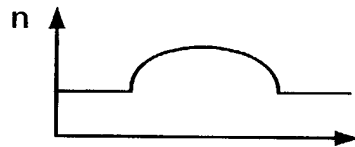


FIG. 11C

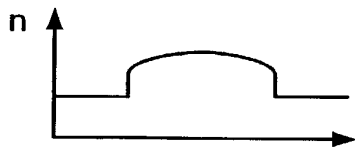


FIG. 11D



FIG. 11E

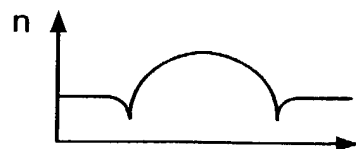


FIG. 11F

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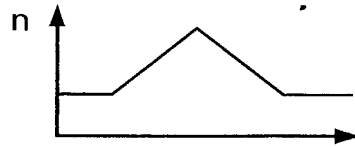


FIG. 11G

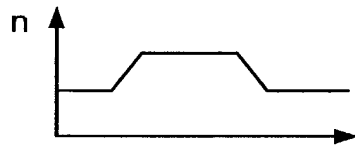


FIG. 11H

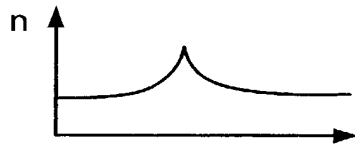


FIG. 11I

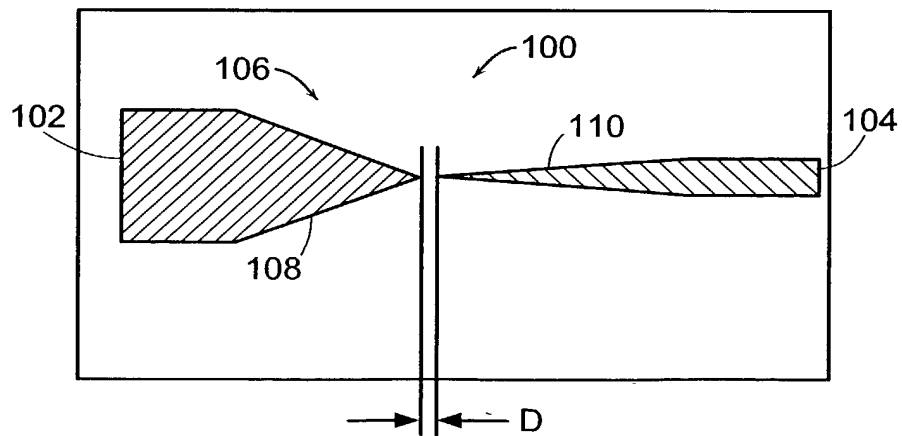


FIG. 12

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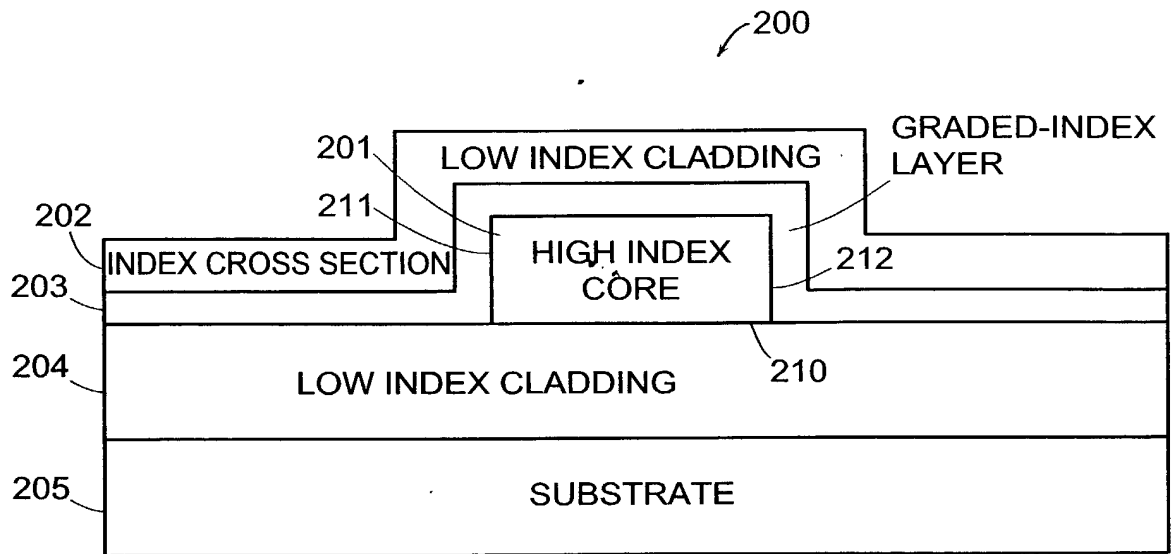


FIG. 13

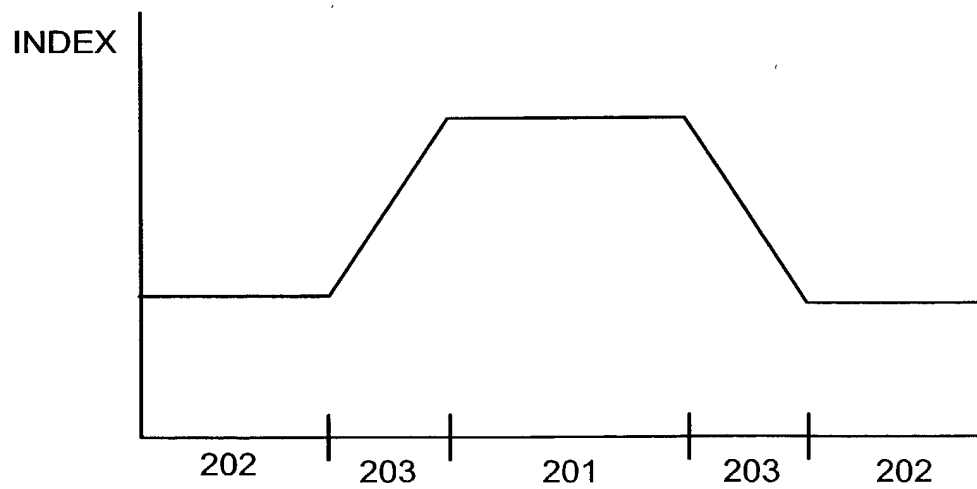


FIG. 14

LOW INDEX CLADDING



GRADED INDEX LAYER
(HIGH TO LOW INDEX)



HIGH INDEX WAVEGUIDE CORE/
LOW INDEX CLADDING/
SUBSTRATE

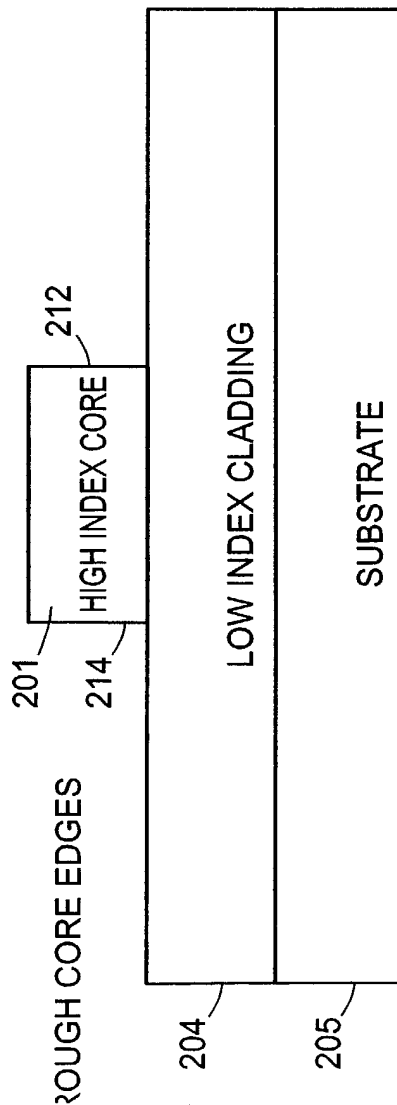


FIG. 15

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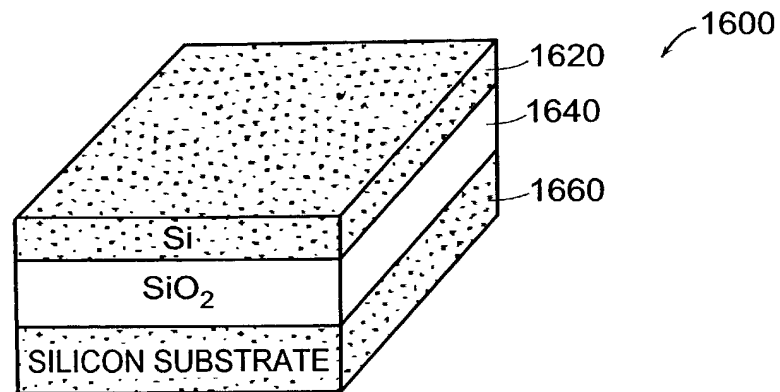


FIG. 16

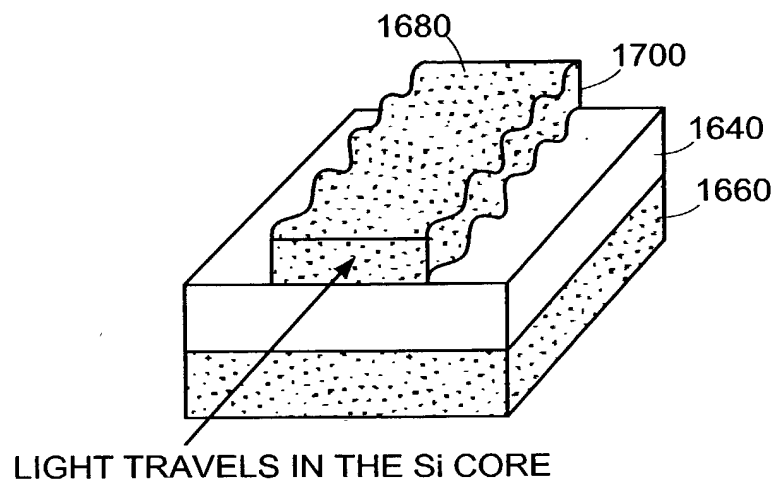


FIG. 17

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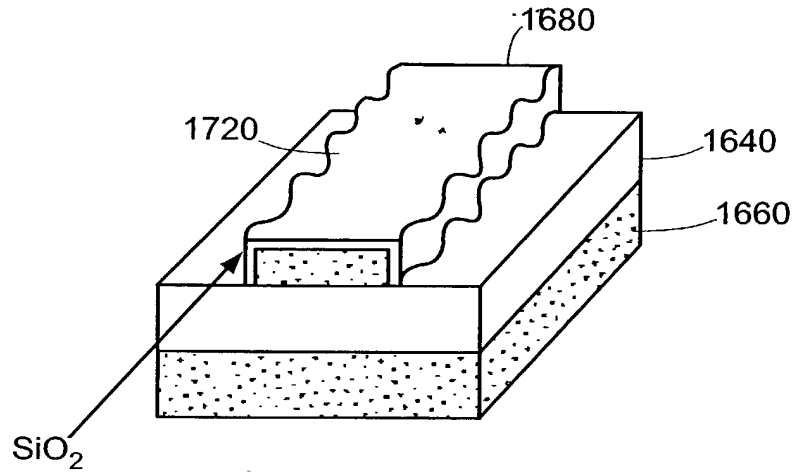


FIG. 18

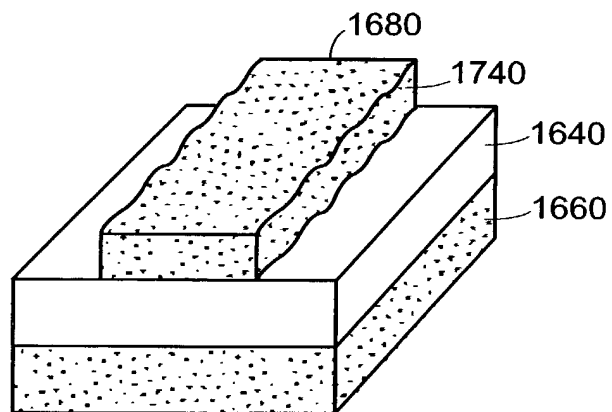


FIG. 19

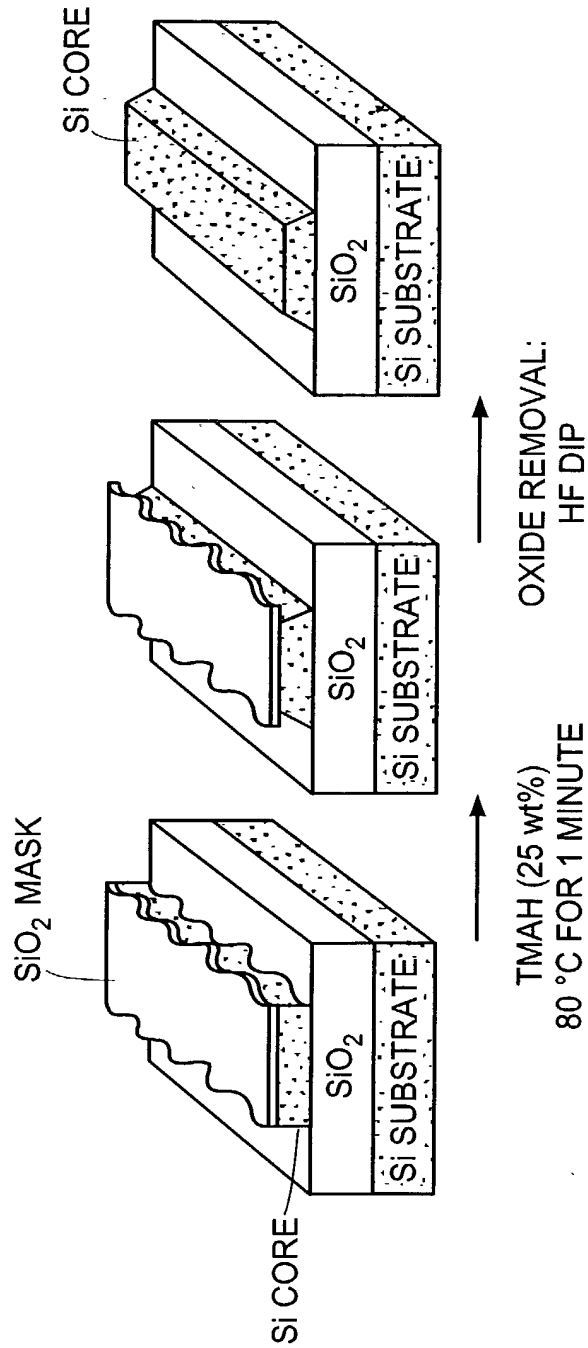


FIG. 20